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## PATENT APPLICATION

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

Confirmation No. 1847

PIHLAJAMAA et al.

Group Art Unit: 2681

Application No.: 10/821,868

Examiner: Not yet assigned

Filed: April 12, 2004

Attorney Dkt. No.: 60282.00150

For: OPEN MODEM – RFU INTERFACE

### INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 16, 2005

Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, or (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application not more than

three months prior to the filing of this Information Disclosure Statement.  
37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Counsel's Deposit Account No. 50-2222 as needed to ensure consideration of the disclosed information.

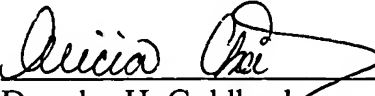
☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).

☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in any communication from a foreign patent office in a counterpart foreign application and, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

☒ 4. The references were cited in a counterpart foreign application. An English language version of the International search report is attached for the Examiner's information.

In the event that there are any fees due with respect to the filing of this paper, please charge Counsel's Deposit Account No. 50-2222.

Respectfully submitted,

  
for Douglas H. Goldhush REG. NO. 46,621  
Registration No. 33,125

**Customer Number 32294**  
SQUIRE, SANDERS & DEMPSEY LLP  
14<sup>TH</sup> Floor  
8000 Towers Crescent Drive  
Tysons Corner, Virginia 22182-2700  
Telephone: 703-720-7800  
Fax: 703-720-7802

DHG:hr

Enclosures: PTO-1449 Form; 7 References; International Search Report

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

60282.00150

SERIAL NO.

10/821 868

## LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

PIHLAJAMAA et al.

FILING DATE

April 12, 2004

GROUP

2681

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,802,451	September 1, 1998	Adachi et al.			
	AB						
	AC						
	AD						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	<u>TRANSLATION</u> YES NO PART.		
	AE	WO 02/067450 A2	August 29, 2002	PCT			X		
	AF	WO 02/091601 A2	November 14, 2002	PCT					X
	AG								

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AH	Part 16: Air Interface for Fixed Broadband Wireless Access Systems---Amendment 2: Medium Access Control Modifications and Additional Physical Layer Specifications for 2-11 GHz; IEEE Std 802.16a – March 28, 2003, pp. 1-292
	AI	Part 16: Air Interface for Fixed Broadband Wireless Access Systems; IEEE Std 802.16 -2004 (revision of IEEE Std 802.16-2001), IEEE Standard for Local and Metropolitan Area Networks, October 1, 2004, pp. 1-857
	AJ	Part 11: Wireless LAN Medium Access control (MAC) and Physical Layer (PHY) specifications; High-speed Physical Layer in the 5 GHz Band; IEEE std 802.11a-1999, Supplement to IEEE Std 802.11-1999) 1999, pp. 1-83
	AK	Information technology-telecommunications and information exchange between systems-Local and metropolitan area networks-Specific requirements- Part 11; Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications; ANSI/IEEE Std 802.11, 1999 Edition (R2003), June 12, 2003, pp. 1-512

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.